

**Government Polytechnic Sakoli,
Mechanical Department
Area ,Cost of Fluid Mechanics Lab**

| Sr. No. | Name of Lab | Area of Lab (sq.m) | Major Equipment | Cost of Lab in Rs. | Laboratory Incharge | Laboratory Assistant |
|---------|-----------------|--------------------|---|--------------------|---------------------|----------------------|
| 1 | Fluid Mechanics | | 1) PELTON TURBINE TEST RIG WITH 15 HP MOTOR, 3Q, 50 CYCLE 440 volts, ac supply with starter and switch with venturi meter and manometer with rope brake 2) CENTRIFUGAL PUMP TEST RIG variable speed with 5 hp, 3q, 50 cycle 400 volt ac supply elect. Motor, having techo generator venturimeter and monometer. MINI HYDRAULIC LABORATORY BENCH to conduct experiments with two benches 3) FRANCIS Turbine test rig 4) Micro Hydrel Demonstration plant Complete Set 5) Pneumatic Circuit Trainer 6) Hydrolic simulation software comprehension Hydrolic circuite simulation(CAIP)Hydromotion. 7) Pneumatic simulation software 8) APPARATUS FOR STUDY TO CAVITATION 9) HYDROLIC TRINER KIT 10) TEST RIG FOR CENTRIFUGAL PUMP | 10,00,197/- | C.Y.Shende | V.A.Meshram |